

Anti-Nrxn1 α

(*neurexin-1 α*)

Code Number : Nrxn-Rb-Af870 (rabbit, RRID : AB_2571817)

Size : 20 μ g and 50 μ g / See label on vial
(affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 μ g/ml in PBS with 0.05% NaN₃.
(affinity-purified with antigen polypeptide)

Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse Nrxn1a, 1454-1507aa (NM_020252)

Specificity : mouse (others not tested)

Due to high sequence similarity, this antibody recognizes Nrxn1a-3a at around 200kDa. By immunogold electron microscopy, presynaptic membrane at various neurochemical synapses, including glutamatergic, GABAergic and dopaminergic, is labeled..

Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks :

Reference : 1) Uchigashima M, Ohtsuka T, Kobayashi K, Watanabe M. Striatal dopamine synapses are neuroligin-2-mediated contact between dopaminergic presynaptic and GABAergic postsynaptic structures.

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